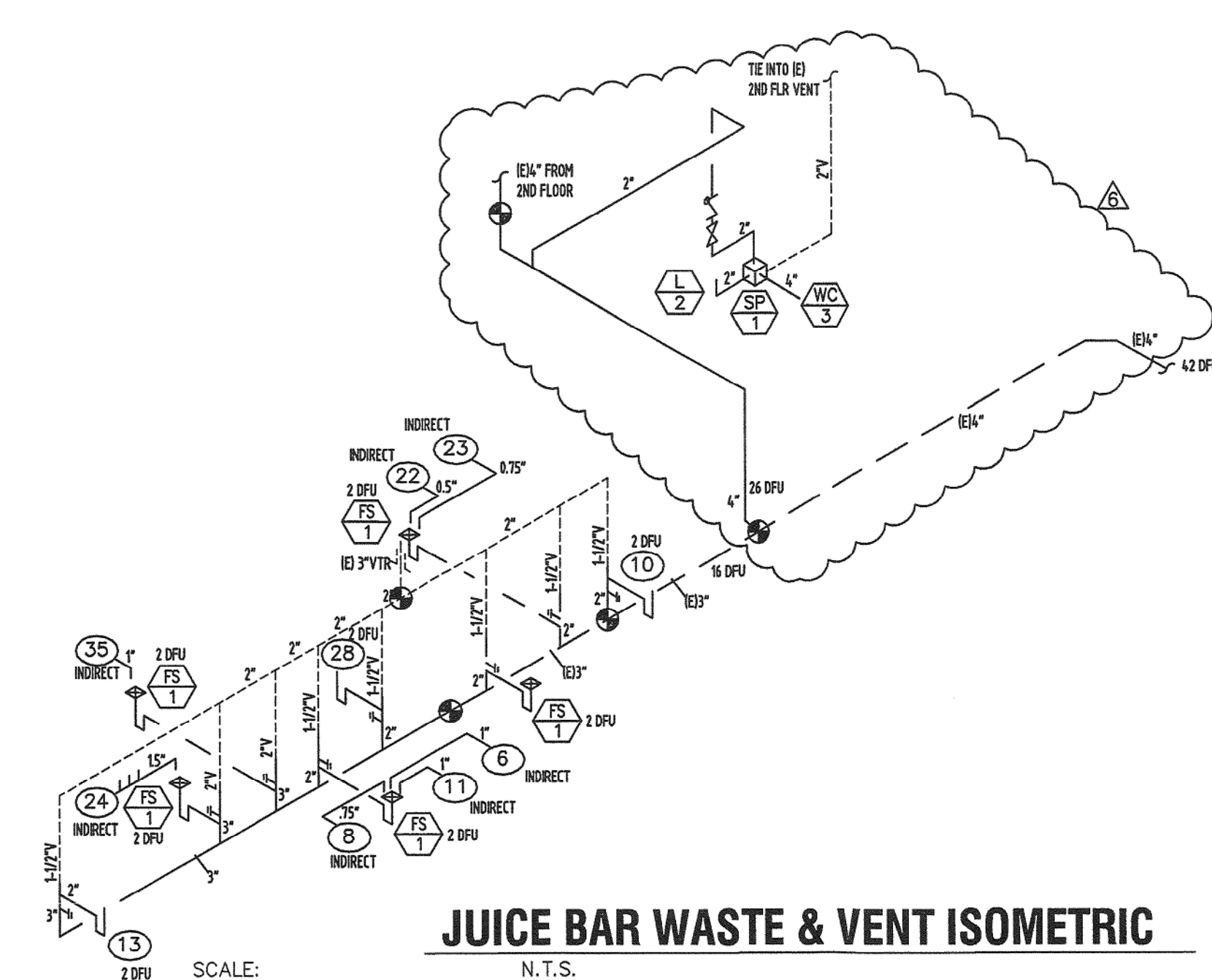


PUMP SCHEDULE										
MARK	LOCATION	MANUFACTURER	MODEL	SERVICE	GPM	HEAD (FT.)	MOTOR			REMARKS
							AMPS	HP	VOLTAGE	
SP-1	PLUMBING CHASE	SANIFLOW	SANIACCESS 2	SANITARY WASTE	19	12	4.5	1/2	120/1/60	SEE NOTES BELOW

- NOTES:
 1. PROVIDE WITH 1-1/2" VENT
 2. PROVIDE WITH 1" WASTE DISCHARGE WITH CHECK VALVE
 3. PROVIDE WITH OPTIONAL EXTENSION KIT FOR INSTALLATION OF PUMP BEHIND WALL



PLUMBING FIXTURE SCHEDULE					
ITEM	FIXTURE	ROUGH-IN SIZE			DESCRIPTION
		HW	CW	WASTE	
WC 3	Water Closet	-	1-1/2"	4"	2"
American Standard Aftwell water closet OR EQUAL top apud, Sloan model No. 111-1-28 flush valve (1.28 GPF), Church model No. 9500C seat. J.R. Smith 0210 series carrier.					

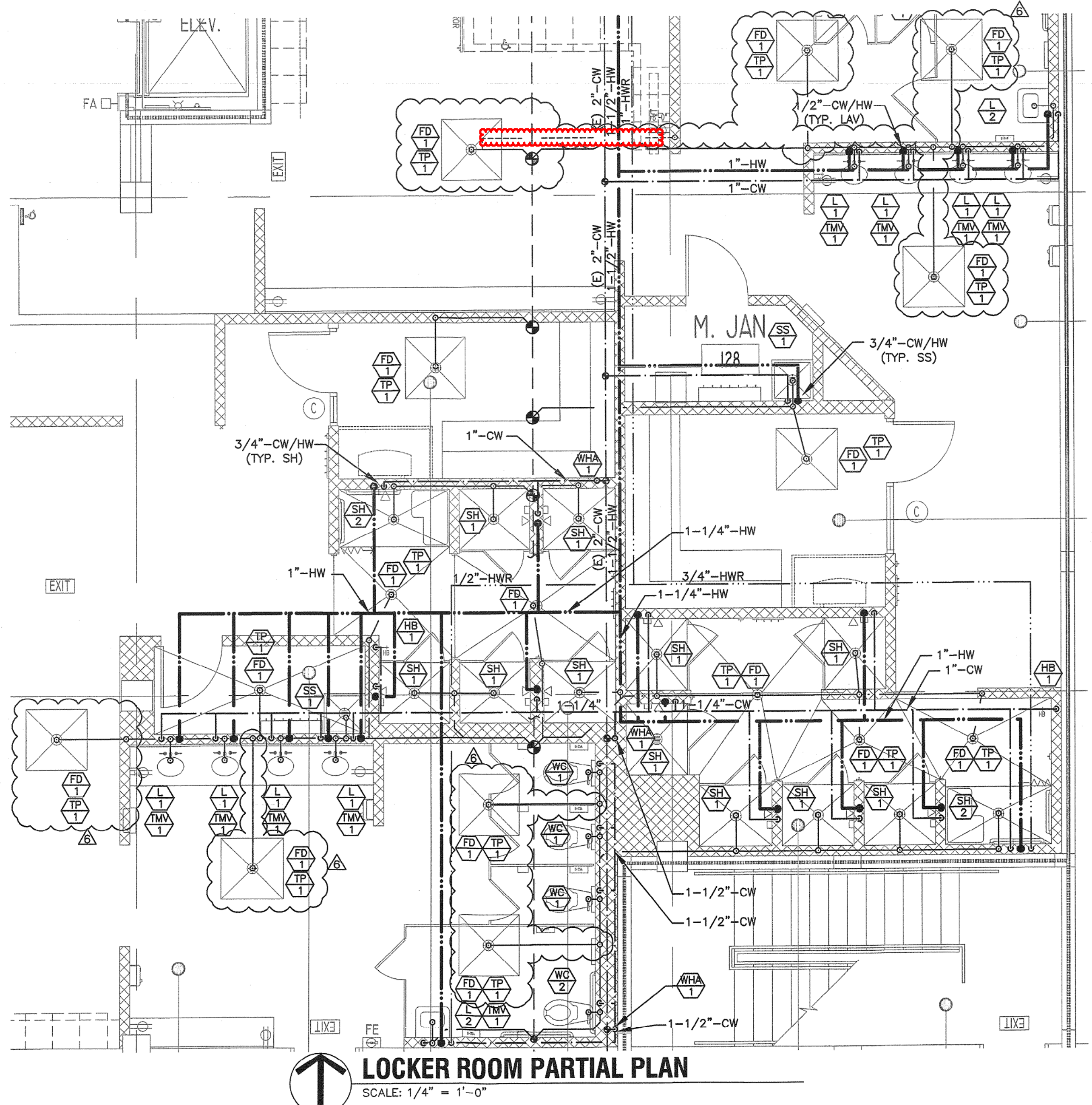
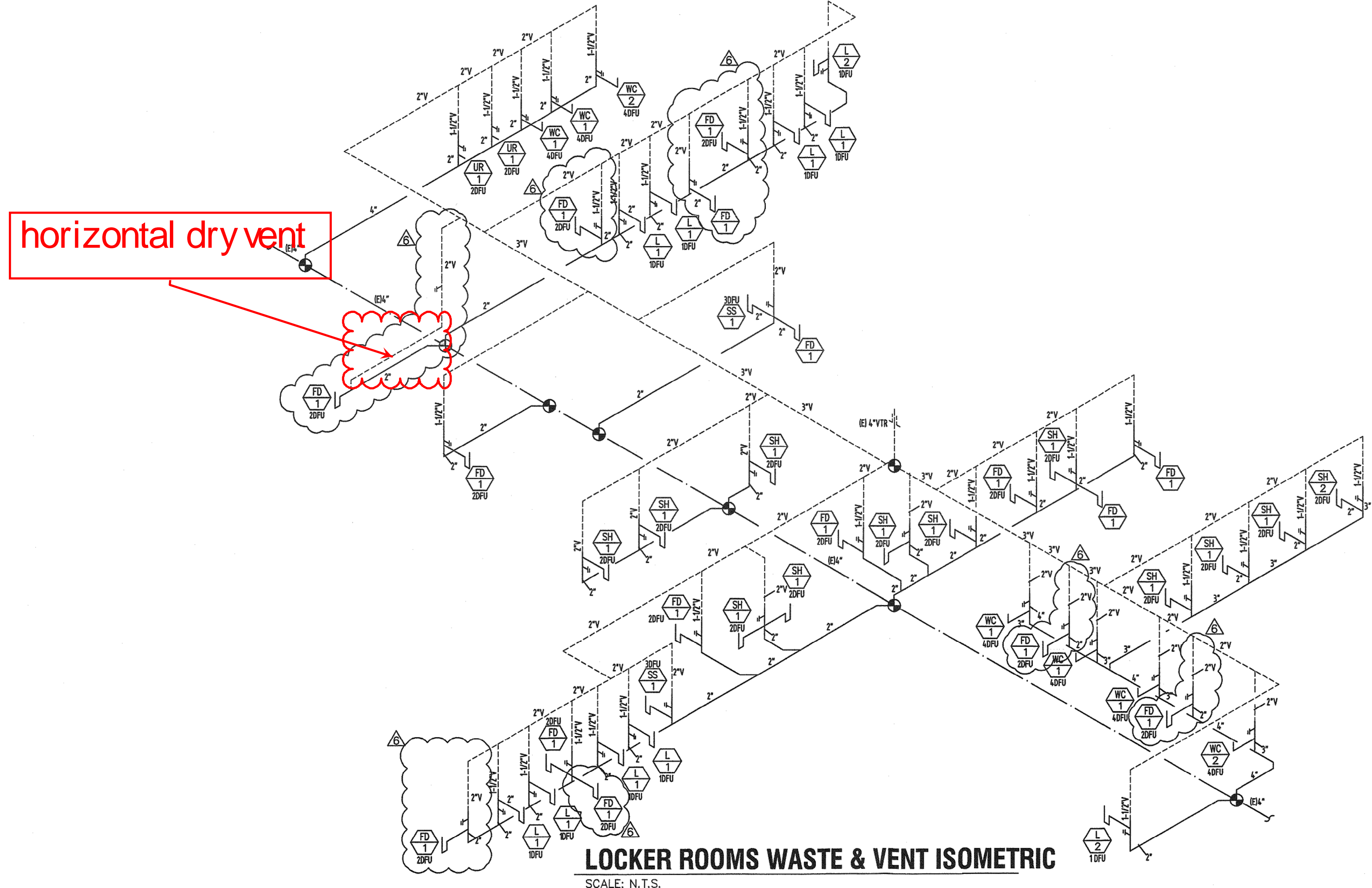
WASTE PIPE SIZING			
BUILDING DRAINS AND SEWERS BASED ON IPC 710.1(1) MAXIMUM NUMBER OF DRAINAGE FIXTURES UNITS CONNECTED TO ANY PORTION OF THE BUILDING DRAIN			
DIAMETER OF PIPE	SLOPE PER FOOT		
	1/8"	1/4"	
1-1/4"	-	1	
1-1/2"	-	3	
2"	-	21	
3"	-	36	42
4"	180	216	
6"	700	840	

NEW FIXTURE UNIT CALCULATIONS						
MARK	DESCRIPTION	QUANTITY	WASTE		WATER	
			DFU	TOTAL DFU	WSFU	TOTAL WSFU
WC/HWC	WATER CLOSET	1	4.0	4.0	10.0	10.0
24,35	SINKS	2	2.0	4.0	3.0	6.0
8,18,22,23	MISC KITCHEN FIXTURES	4	-	-	0.5	2.0
3,6,8,28	SINKS	3	2.0	6.0	2.0	6.0
FS/FP	FLOOR SINKS/FLOOR DRAINS	16	2.0	32.0	-	-
TOTAL				48.0		24.0
NEW GRAND TOTAL				170		292.5

- GENERAL NOTES**
- EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
 - BEFORE SUBMITTING BID, THE PLUMBING CONTRACTOR SHALL REVIEW THE ARCHITECTURAL DRAWINGS AND INCLUDE IN HIS BID AN AMOUNT TO FURNISH AND INSTALL ANY FIXTURES WHICH ARE SHOWN IN ADDITION TO FIXTURES SHOWN ON THE PLUMBING DRAWINGS.
 - CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED BEFORE MAKING UP OR INSTALLATION OF NEW WASTE SYSTEM.
 - CONTRACTOR SHALL VERIFY AND COORDINATE LOCATION OF ALL PLUMBING LINES WITH MECHANICAL AND ELECTRICAL SERVICES.
 - THE INSTALLATION OF ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER INDICATING OR RECORDING EQUIPMENT, OR SPECIALTIES REQUIRING FREQUENT READING, REPAIRS, ADJUSTMENT, INSPECTION, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY AND ACCESSIBLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
 - ALL VENTS THROUGH ROOF SHALL BE 10'-0" REMOVED FROM ALL AIR INTAKES, EVAPORATIVE COOLERS, ETC.
 - WHERE POSSIBLE, TIE VENTS TOGETHER SO THAT A MINIMUM NUMBER TERMINATE THROUGH THE ROOF.
 - WATER CLOSETS IN PUBLIC TOILET ROOMS SHALL CENTER ON THE FINAL LAYOUT OF TOILET PARTITIONS.
 - PROVIDE WATER HAMMER ARRESTORS PRIOR ON WATER LINE SERVING FLUSH VALVE AND QUICK CLOSING FIXTURES.
 - CONTRACTOR SHALL NOT CUT HOLES IN STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE ARCHITECT.
 - CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
 - CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURERS SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED.
 - PROVIDE BALANCING VALVES ON HOT WATER RETURN PIPING.

- KEYED NOTES**
- REPLACE EXISTING PLUMBING FIXTURE WITH NEW PER SCHEDULE. RECONNECT EXISTING COLD WATER, HOT WATER, HOT WATER RETURN, WASTE AND VENT PIPING. EXTEND TO LOCATIONS IF REQUIRED, PROVIDE NEW PIPING IF REQUIRED.
 - EXISTING FLOOR DRAIN TO BE CAPPED BELOW SLAB; COORDINATE WITH GC TO REPAIR FLOOR.
 - INSTALL NEW PUMP BEHIND CHASE WALL STRICTLY PER MANUFACTURER INSTALLATION INSTRUCTIONS. COORDINATE WITH GC TO PROVIDE MAINTENANCE ACCESS TO THE PUMP THROUGH THE EXISTING STORAGE CLOSET.

- NOTES**
- RE-SEAL ALL FLOOR DRAINS WATER TIGHT PER FBC/P SECTION 1002.4.



UFC
-GYM

3595 MT. DIABLO BLVD
 LAFAYETTE, CA 94549
 PHONE: 925.279.6360

MULTI-PURPOSE FITNESS FACILITY
 KENDALL MALL
 8851 SW 107TH AVE.
 MIAMI, FL 33176

SUBMITTAL DATES:	
DESCRIPTION	DATE
AGENCY SUBMITTAL	11.07.15
CONTRACTOR PRICING	01.27.16
BID SET	02.08.16
AGENCY RESUBMITTAL	02.18.16
AGENCY RESUBMITTAL	03.30.16
AGENCY RESUBMITTAL	04.22.16
CONSTRUCTION SET	05.24.16

REVISION DATES:	
NO.	DESCRIPTION
1	AGENCY CORRECTIONS 02.18.16
2	AGENCY CORRECTIONS 03.30.16
3	FIRE DEPT. CORRECTIONS 04.22.16
4	FIELD COORDINATION 07.14.16

PROFESSIONAL SEAL:

PROJECT NUMBER: 15055
 TITLE:

SHEET NUMBER:
 PLUMBING PLAN - LEVEL 1

PSK-1